IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: SUNDARAM, Mani et al.

Group Art Unit:

Serial No.

Examiner:

Filed:

HEREIN

Transmittal form PTO/SB/17 to cover filing fee. 2

Atty. Dkt. No: 20030126-CIP

For:

QWIP WITH TUNABLE SPECTRAL RESPONSE

To:

Mail Stop Patent Application

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

42716

CERTIFICATE OF MAILING 37 CFR 1.10: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as EXPRESS MAIL POST OFFICE TO ADDRESSEE addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA22313-1450.

Fm:

Date:

Debra A. Stengel or-[-] Scott J. Asmus, Reg.

Commissioner:

LETTER OF TRANSMITTAL

Submitted herewith is a application for United States patent consisting of 1 page Fee

Transmittal form PTO/SB/17 to cover filing fee, 2 pages Patent Application Bibliographic
Data Sheet, 23 pages of specification and claims, 8 sheets of drawings, 1 page of
declaration and power of attorney.
[] (37 CFR 1.9(f) & 1.27(c)) Small Entity status applies.
[] (35 U.S.C. 122(b)(2)(B)(i)) PTO form PTO/SB/35 re: Publication enclosed
[X] (37 CFR 1.84(J)) – Applicant requests FIG for inclusion on the front page of th
patent application publication and patent.
PCT application being filed concurrently

This application is a continuation-in-part of U.S. Patent Application 09/746,956, filed December 22, 2000, which claims the benefit of U.S. Provisional Application No. 60/173,077. filed December 24, 1999. This application is also a continuation-in-part of U.S. Patent Application No. 10/781,523, filed February 18, 2004.

The invention was not made by an agency of the United States Government nor under a contract with an agency of the United States Government.

_	1	. 1	•	. 1 1	1
HAA	റവ	α	lation	tahi	ρ.
1.00	va	ı Cu	lauvii	. tavi	u.

Fee calculation is based on 3 independent and 20 total claims	
37CFR1.16(a) Basic filing fee – Utility - \$770.00	\$770.00
37CFR1.16(b) Independent claims in excess of threex \$86.00 ea.	
37CFR1.16(c) Claims in excess of twentyx \$18.00 ea.	
TOTAL DUE:	\$770.00

DEPOSIT ACCOUNT 190130 AUTHORIZATION - The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,

Cus. No. 42716 Maine & Asmus PO Box 3445 Nashua, NH 03061-3445

Tel. No. (603) 886-6100, Fax. No. (603) 886-4796

Info@maineandasmus.com

Scott J. Asmus, Reg. No. 42,269 Neil F. Maloney, Reg. No. 42,833 Andrew P. Cernota, Reg. No. 52,711 Attorneys/Agents for Applicant

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

			espond to a collection of information unless it displays a valid OMB control number. Complete if Known				
FEE TRANSMITTAL		Application Number					
for EV 2004						HEREIN	
for FY 2004						SUNDARAM, Mani	
¹ Effective 10/01/2003. Patent fees are subject to annual revision.					1101	tar a ditty tricalii	
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name Art Unit					
TOTAL AMOUNT OF PAYMENT (\$)	T			1 4 5	. 2000	2042C OID	
A CONTRACTOR OF THE PARTY OF TH	- Washington	Attorney Docket No. 20030126-CIP					
METHOD OF PAYMENT (check all that apply)			-	10,000	LANCE MANAGEMENT / Just	LATION (continued)	
Check Credit card Money Order None			ONAL				
Deposit Account:	Fee	Fee	Small Fee	<u>Entity</u> Fee			
Deposit Account 190130	Code	(\$)	Code		F	ee Description	Fee Paid
Number Deposit DAFO	1051		2051		-	late filing fee or oath	
Account Name BAE Systems	1052	50	2052	25	Surcharge - cover sheet	late provisional filing fee or	
The Director Is authorized to: (check all that apply)	1053		1053			specification	
Charge fee(s) indicated below Credit any overpayments		2,520	1812			equest for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Examiner ac	publication of SIR prior to ction	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting Examiner a	publication of SIR after ction	
FEE CALCULATION	1251	110	2251	55		or reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension for	or reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for	or reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254	740		or reply within fourth month	<u> </u>
1001 770 2001 385 Utility filing fee 770		2,010	2255	1,005	Extension for	or reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401		Notice of A	•	
1003 530 2003 265 Plant filing fee	1402 1403	330 290	2402 2403		-	of in support of an appeal	
1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee		1,510			-	oral hearing	
SUBTOTAL (1) (\$) 770	1452	•	2452			evive - unavoidable	
	1453	1,330	2453			evive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501			fee (or reissue)	
Extra Claims below Fee Paid Total Claims -20** = X =	1502	480	2502		Design issu		
Independent 311 - 1	1503	640	2503		Plant issue		
Claims -3 =	1460	130	1460			the Commissioner	
Large Entity Small Entity	1807	50	1807			fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description Code (\$) Code (\$)	1806	180	1806		December of	of Information Disclosure Stmt each patent assignment per	
1202 18 2202 9 Claims in excess of 20	8021	40	8021		property (tim	nes number of properties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a subi (37 CFR 1.1	mission after final rejection 129(a))	3 2 3 4
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each ad	ditional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	305	•	37 CFR 1.129(b)) or Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20		900	1802		Request fo	or expedited examination	
and over original patent	Other	of a design application					
SUBTOTAL (2) (\$) **or number previously paid, if greater, For Reissues, see above		r fee (specify) uced by Basic Filing Fee Paid SUBTOTAL (3) (\$)					
or number previously paid, if greater, profit Reissues, see appre							
SUBMITTED BY Name (Print/Type) Neil F. Malgney		Registra		42.5	022	(Complete (if applicable)) Telephone 603-886-6100	eur komonantom el el menos y pa
(Attorney/Agent) 42,833 Telephione 603-686-6100							
Signature Date April 22, 2004 WARNING: Information in this form may be a menual information about a set of the second information and the secon							

WARNING: Information on this form may begome public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.